

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
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Richard Carl PHELPS et al.	)	Group Art Unit: Unknown
	)	
Application No.: 09/787,353	)	Examiner: Unassigned
	)	
Filed: March 16, 2001	)	
	)	
For: APPARATUS FOR USE IN A	)	
COMPUTER SYSTEM	)	

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

**PCT Search Report No. PCT/GB99/03089, mailed June 21, 2000:**

U.S. Patent No. 5,541,932, issued July 1996, to Nguyen et al.  
U.S. Patent No. 5,481,681, issued January 1996, to Gallo et al.  
U.S. Patent No. 5,450,547, issued September 1995, to Nguyen et al.  
U.S. Patent No. 5,375,215, issued December 1994, to Hanawa et al.  
U.S. Patent No. 4,709,364, issued November 1987, to Hasegawa et al.  
U.S. Patent No. 4,669,079, issued May 1987, to Blum.  
U.S. Patent No. 4,488,232, issued December 1984, to Swaney et al.  
European Patent Publication No. EP 0048869, April 1982.  
PCT Patent Publication No. WO 8001421, July 1980.

**Great Britain Search Report No. GB 9820430.8, dated March 29, 1999:**

U.S. Patent No. 5,754,807, issued May 1998, to Lambrecht et al.  
U.S. Patent No. 5,664,117, issued September 1997, to Shah et al.  
U.S. Patent No. 5,627,976, issued May 1997, to McFarland et al.  
U.S. Patent No. 5,619,661, issued April 1997, to Crews et al.  
European Patent Publication No. EP 0384621, August 1990.  
PCT Patent Publication No. WO89/02127, March 1989.

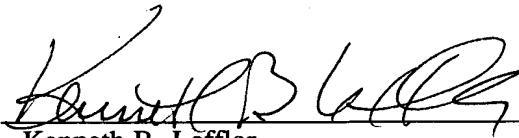
The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

This Information Disclosure Statement contains information which is not in the English language but was cited in a search report or other action by a foreign patent office in a counterpart foreign application. In accordance with M.P.E.P. § 609 A(3) an English language version of the search report or action which indicates the degree of relevance found by the foreign office is being submitted herewith.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:   
Kenneth B. Leffler  
Registration No. 36,075

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

Date: June 12, 2001

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09/787353

Patent

Attorney's Docket No. 032658-016

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) Examiner: Unassigned  
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**INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ [X] No additional fee for submission of an IDS is required.
- ☐ [ ] The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ [ ] A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ [ ] A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ [ ] Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ [ ] A check in the amount of \$\_\_\_\_\_ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

By:

  
Kenneth B. Leffler

Registration No. 36,075

Date: June 12, 2001

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT NO.

032658-016

APPLICATION NO.

09/787,353

APPLICANT

Richard Carl PHELPS et al.

FILING DATE

March 16, 2001

GROUP

## U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
	5,541,932	A	Nguyen et al.	July 30, 1996
	5,481,681	A	Gallo et al.	January 2, 1996
	5,450,547	A	Nguyen et al.	September 12, 1995
	5,375,215	X	Hanawa et al.	December 20, 1994
	4,709,364	X	Hasegawa et al.	November 24, 1987
	4,669,079	X	Blum	May 26, 1987
	4,488,232	A	Swaney et al.	December 11, 1984
	5,754,807	A	Lambrecht et al.	May 19, 1998
	5,664,117	X	Shah et al.	September 2, 1997
	5,627,976	X	McFarland et al.	May 6, 1997
	5,619,661	X	Crews et al.	April 8, 1997

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
	EP 0048869	X	Europe	April 7, 1982		
	WO8001421	X	PCT	July 10, 1980		
	EP 0384621	A	Europe	August 29, 1990		
	WO 89/02127	X	PCT	March 9, 1989		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Examiner Signature	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.